

ABSTRACT OF THE DISCLOSURE

An optical-pick up preventing the deterioration of the optical property by mounting the entire optical system on the movable portion and aligning the optical axis of the semiconductor laser element having the shortest wavelength with the center of the optical axis of the objective lens and an information recording and reproducing apparatus on which the optical pick-up is mounted. The optical pick-up includes a movable portion on which at least a plurality of semiconductor laser elements irradiating an optical recording medium with laser beams and an objective lens converging laser beams emerged from the semiconductor laser element are mounted, a fixed portion supporting the movable portion, and a supporting component connecting the movable portion to the fixed portion so that the movable portion is rockable in a focus direction and a tracking direction of the optical recording medium; wherein at least two of the plurality of semiconductor laser elements have a different lasing wavelength from each other and an optical axis of the semiconductor laser element having the shortest wavelength is aligned with the center of the optical axis of the objective lens. Thereby, it is possible to prevent the optical displacement in the optical system when the position of the objective lens is changed.

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